

FIG. 1

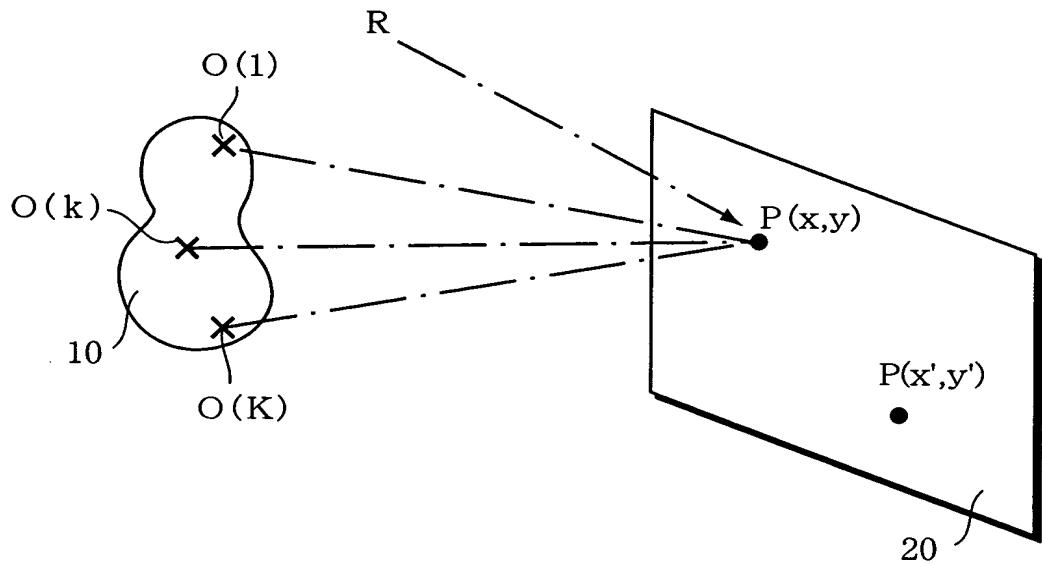


FIG. 2

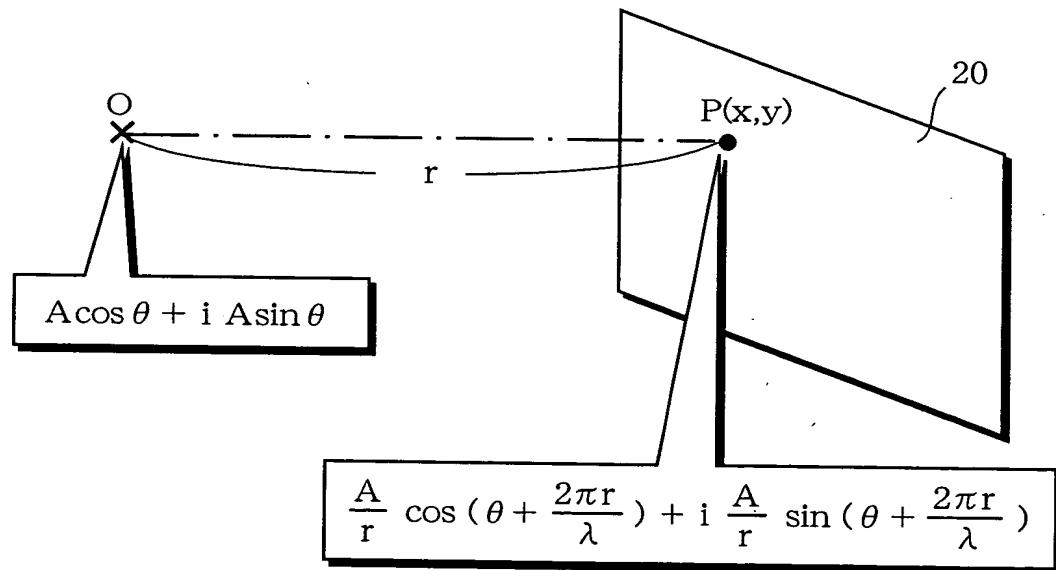


FIG. 3

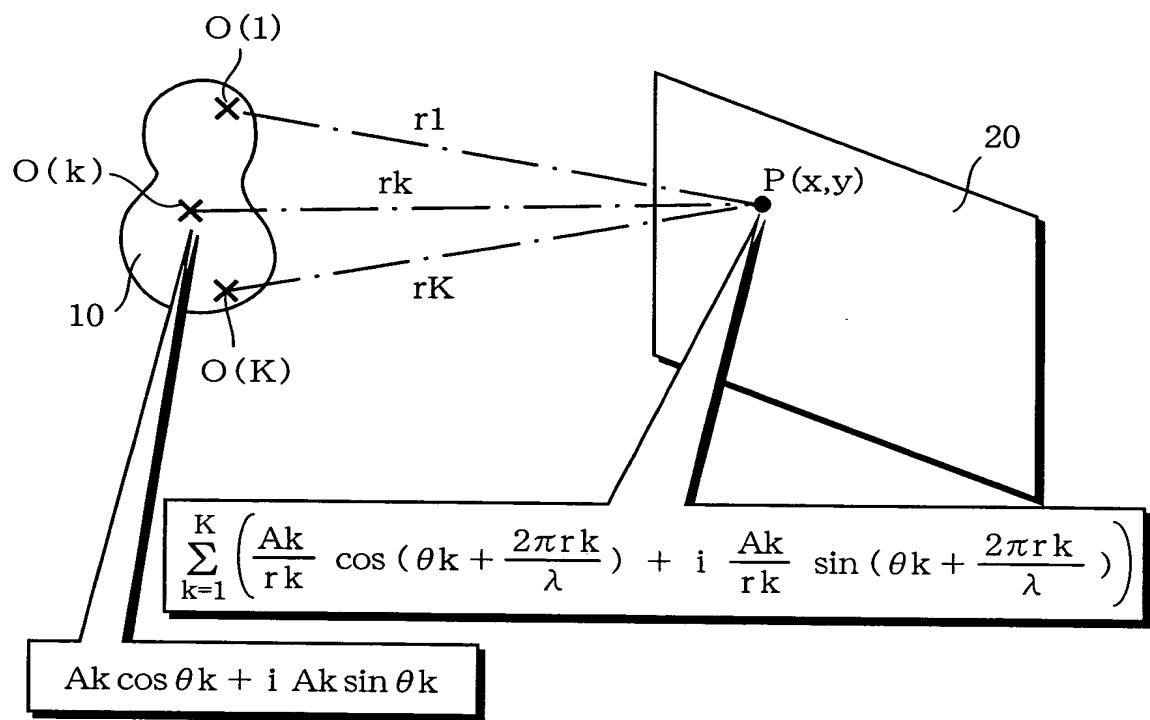


FIG. 4

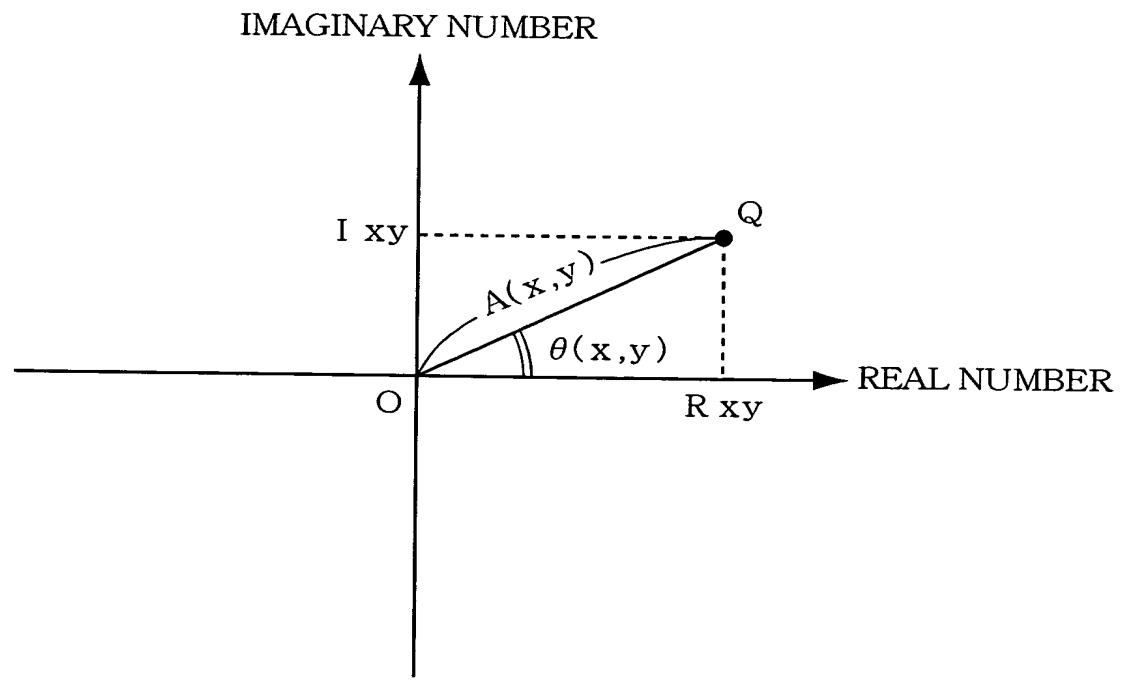


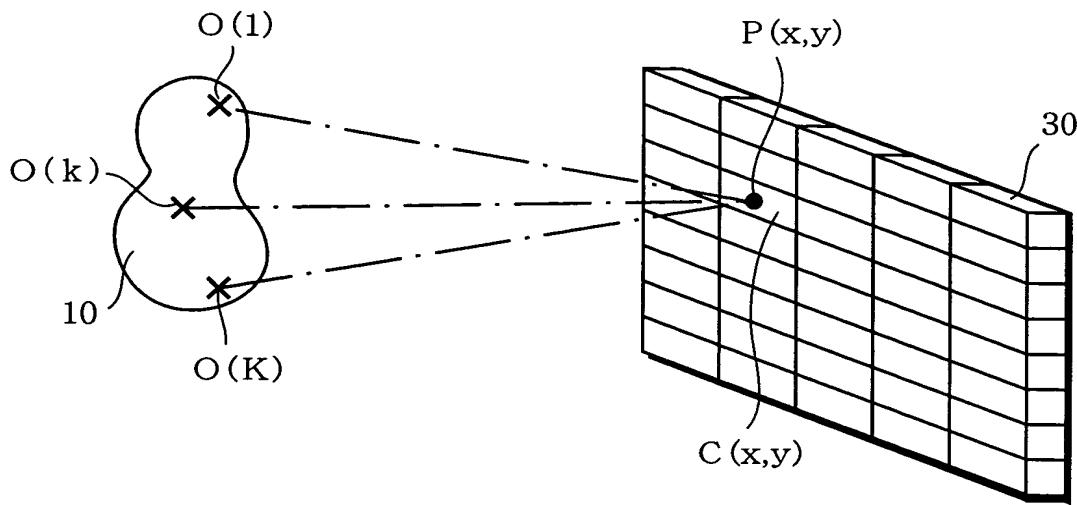
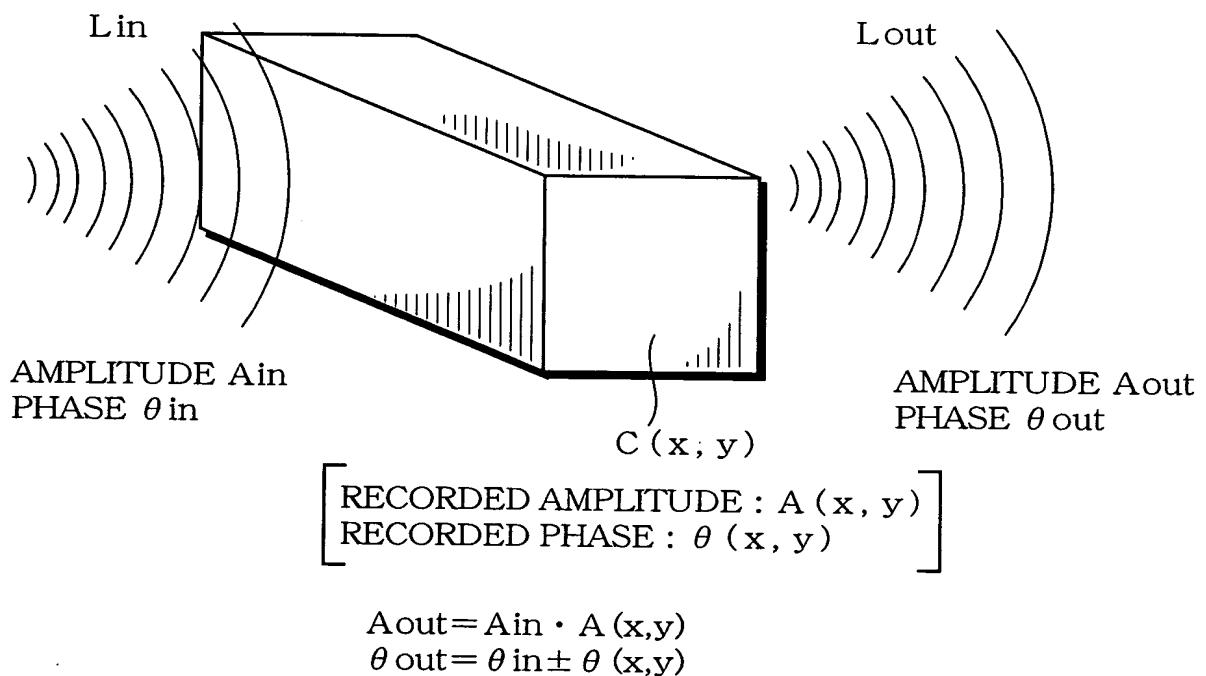
FIG. 5**FIG. 6**

FIG. 7

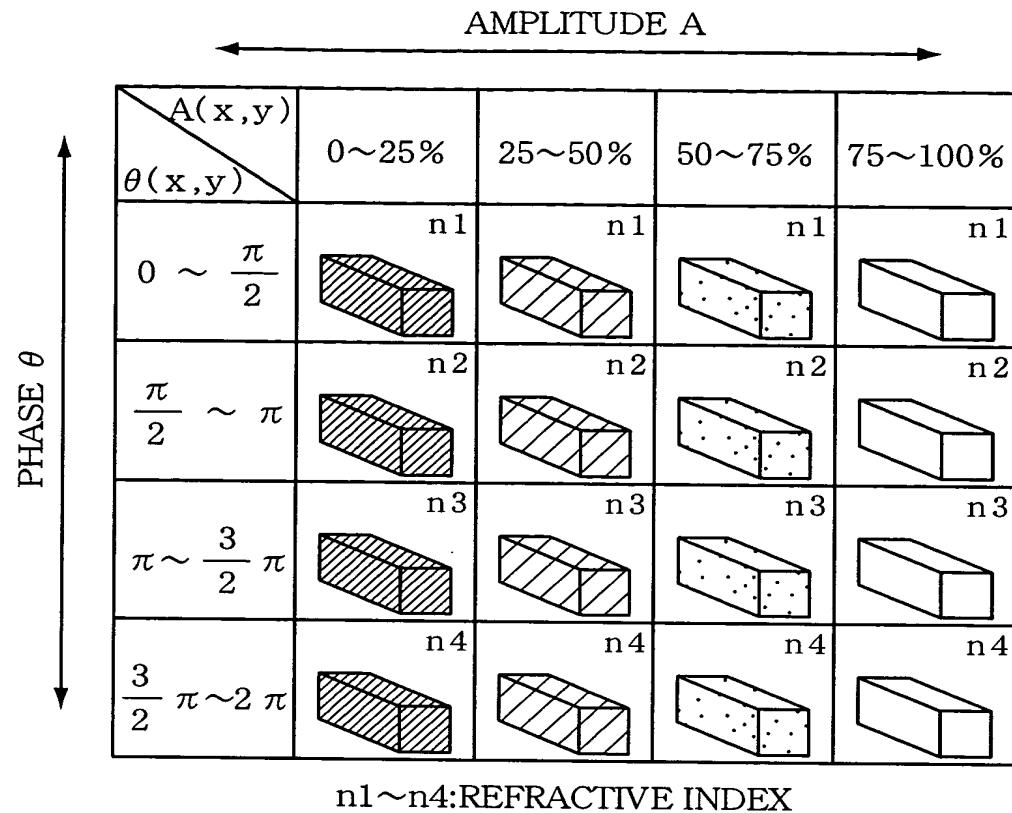


FIG. 8

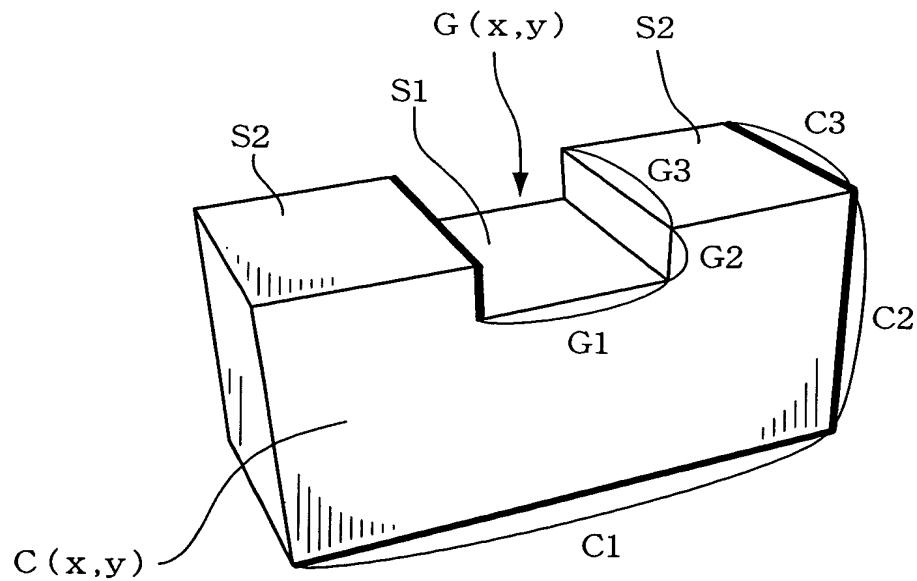


FIG. 9

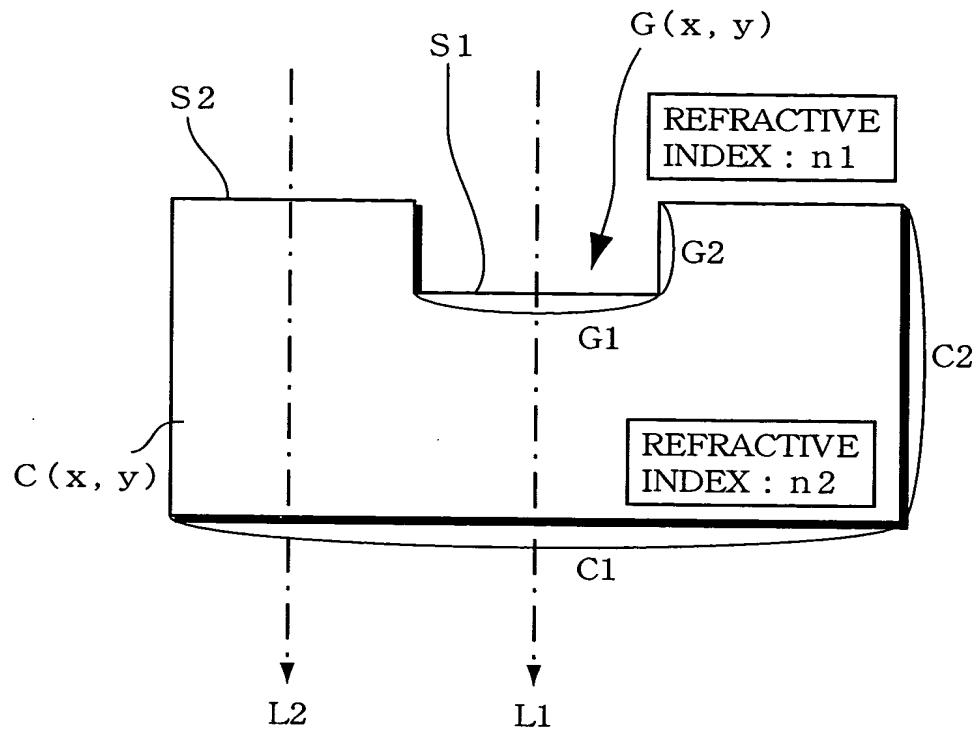


FIG. 10

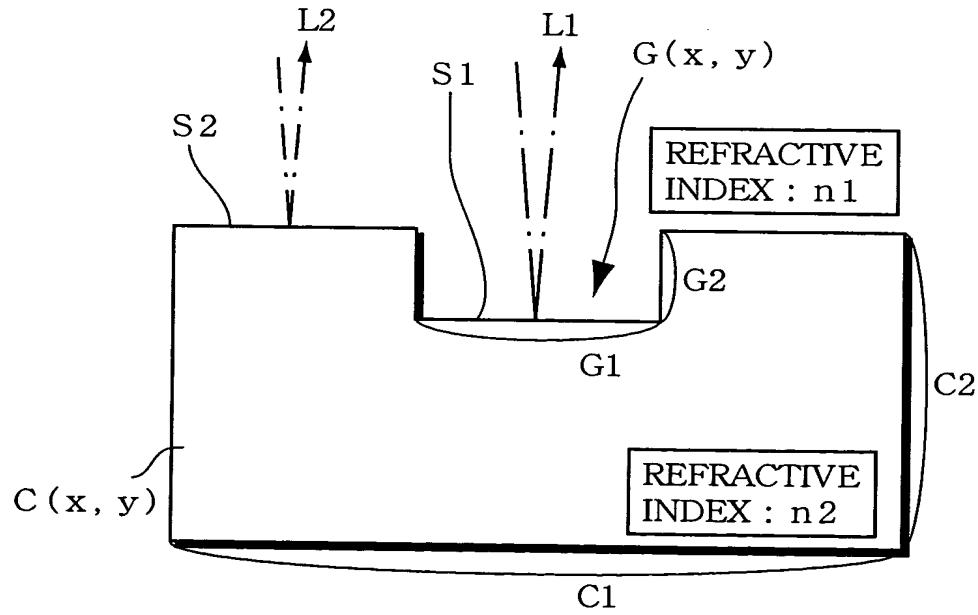


FIG. 1 1

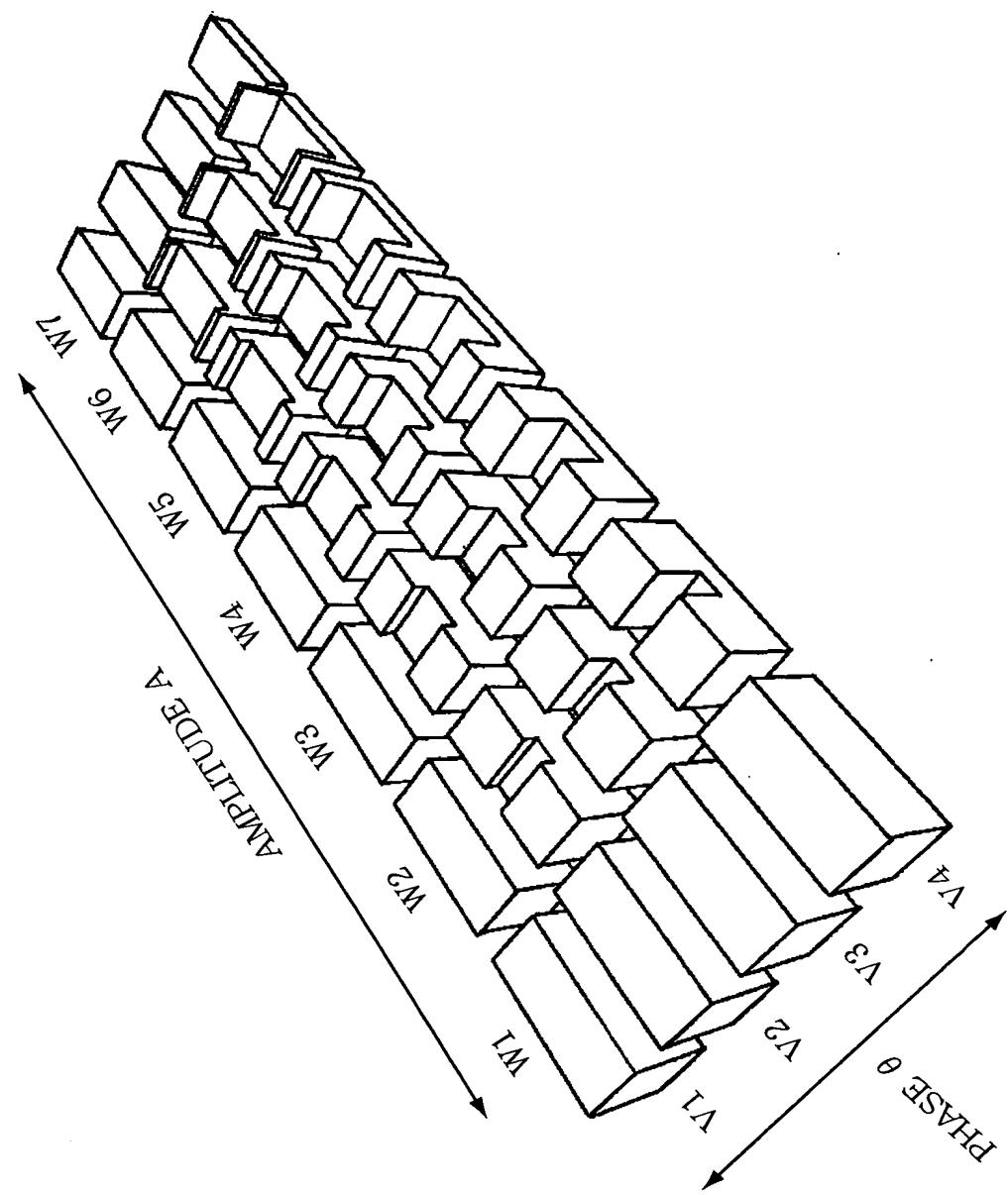
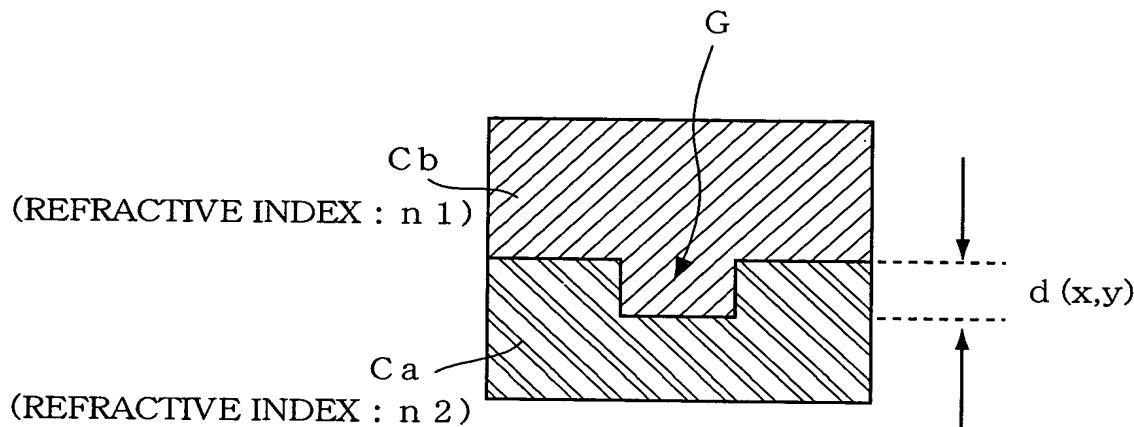


FIG. 1 2TRANSMISSION TYPE CELL : C (x,y)

$$\textcircled{\text{O}} \text{MAXIMUM DEPTH OF GROOVE } G : d_{\max} = \frac{\lambda}{|n_1 - n_2|}$$

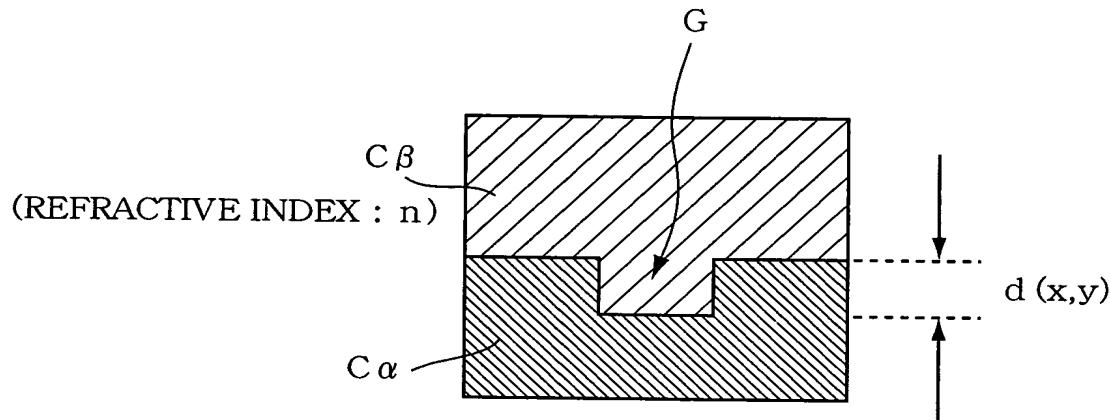
$\textcircled{\text{O}} \text{DEPTH OF GROOVE } G \text{ FOR A SPECIFIC CELL } C(x,y) :$

(1) IF $n_1 > n_2$

$$d(x,y) = \frac{\lambda \cdot \theta(x,y)}{2(n_1 - n_2) \pi}$$

(2) IF $n_1 < n_2$

$$d(x,y) = d_{\max} - \frac{\lambda \cdot \theta(x,y)}{2(n_2 - n_1) \pi}$$

FIG. 1 3REFLECTION TYPE CELL : C (x,y)

◎MAXIMUM DEPTH OF GROOVE G : $d_{\max} = \frac{\lambda}{2n}$

◎DEPTH OF GROOVE G FOR A SPECIFIC CELL C(x,y) :

$$d(x,y) = \frac{\lambda \cdot \theta(x,y)}{4n\pi}$$

ESPECIALLY, WHEN PROTECTIVE LAYER
C β IS REPLACED BY AIR LAYER,
APPROXIMATION $n = 1$ IS MADE.

◎MAXIMUM DEPTH OF GROOVE G : $d_{\max} = \frac{\lambda}{2}$

◎DEPTH OF GROOVE G FOR A SPECIFIC CELL C(x,y) :

$$d(x,y) = \frac{\lambda \cdot \theta(x,y)}{4\pi}$$

FIG. 1 4

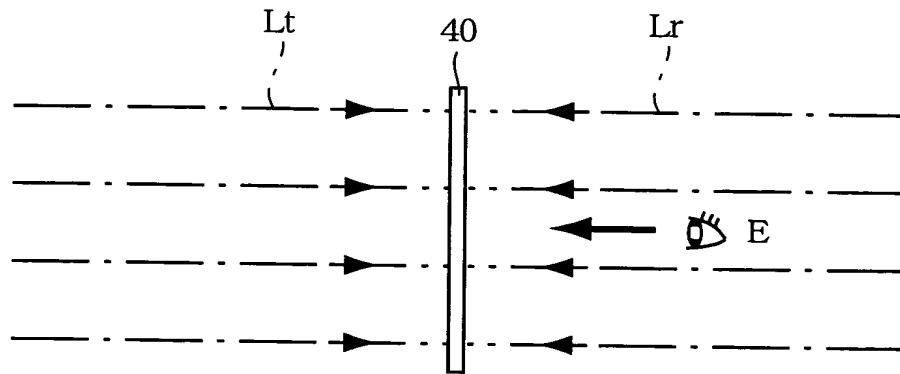


FIG. 1 5

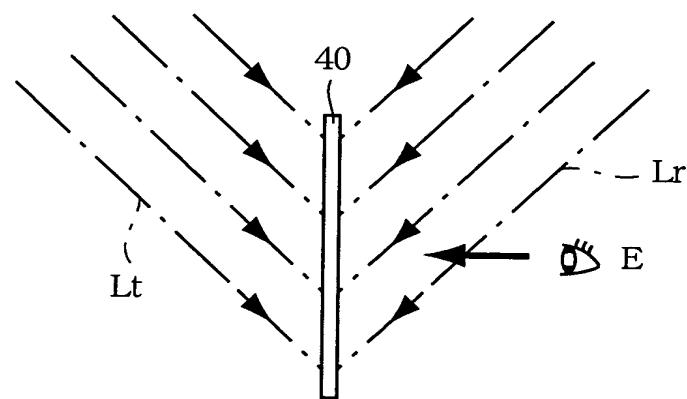


FIG. 1 6

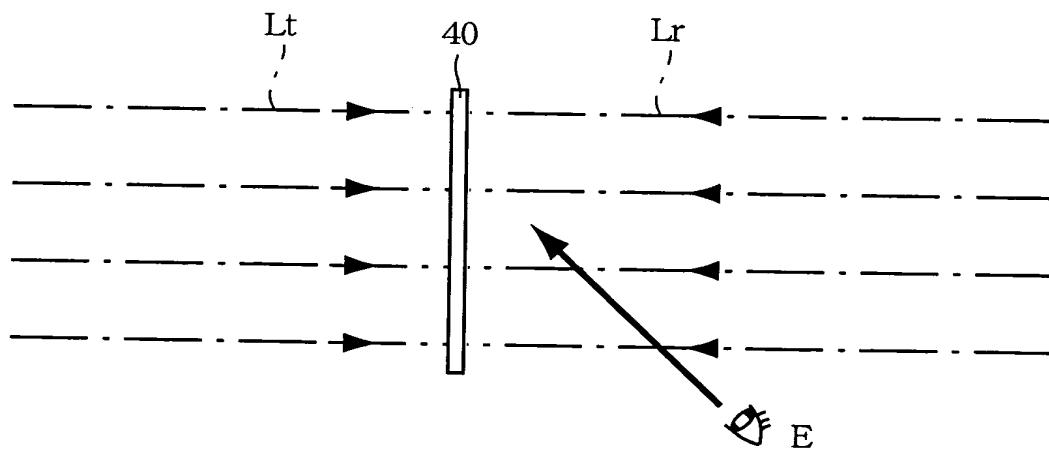


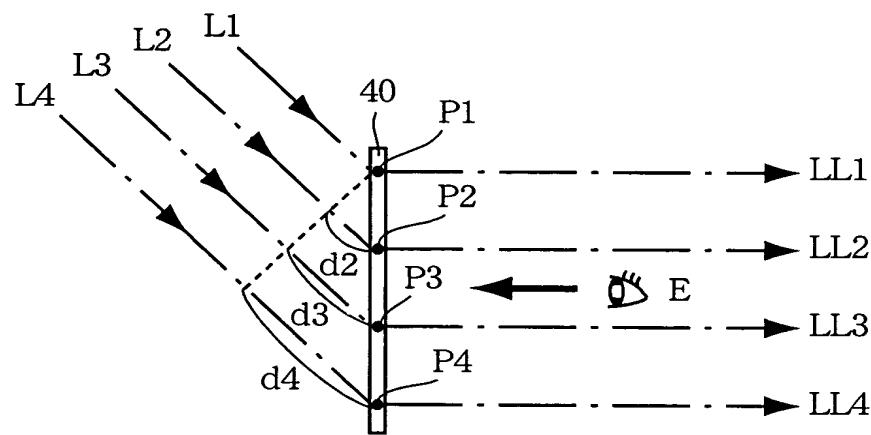
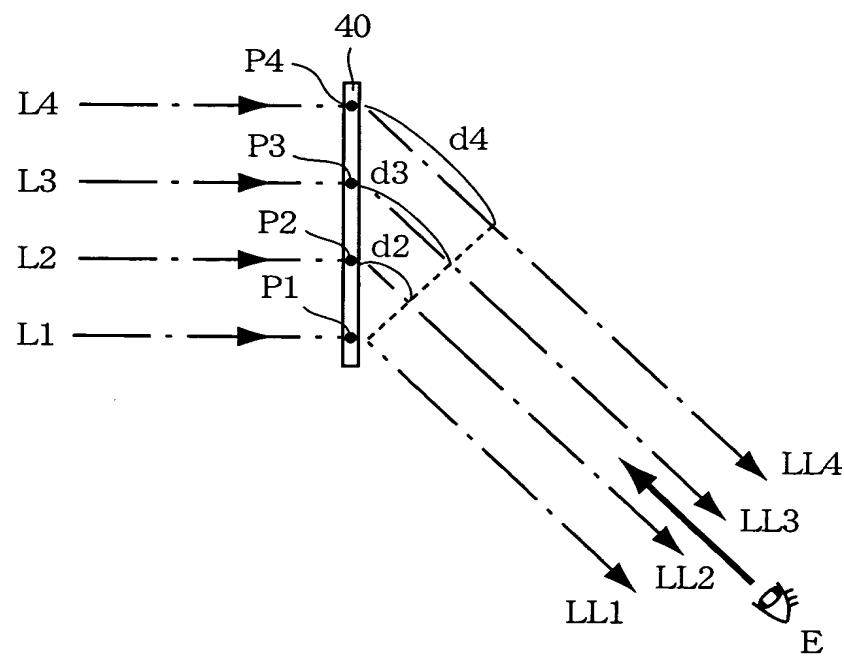
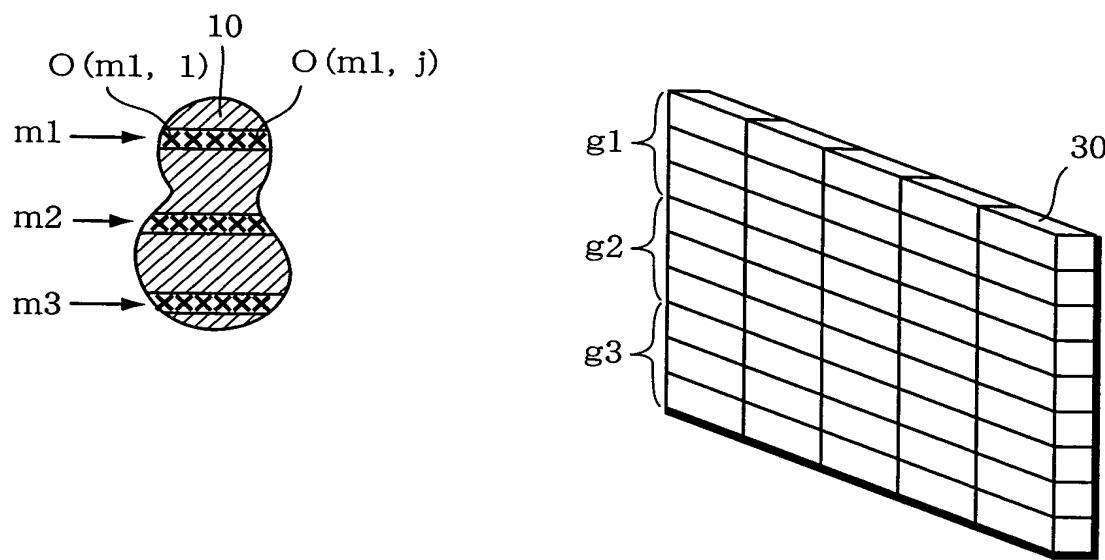
FIG. 1 7**FIG. 1 8**

FIG. 1 9**FIG. 2 0**